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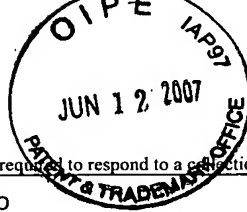


Group Art Unit: 1641

Attorney
Docket: 30750

INFORMATION DISCLOSURE STATEMENT

Dated: June 10, 2007



PTO/SB/08b (08-03)

Approved for use through 06/30/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Complete if Known

Application Number	10/559,871
Filing Date	May 2, 2006
First Named Inventor	Michael FAINZILBER et al
Group Art Unit	1641
Examiner Name	MARVICH, MARIA

Attorney Docket Number 30750

Sheet	1	Of	4
OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	1	Horgan et al. "Examining the Mechanism of Erk Nuclear Translocation Using Green Fluorescent Protein", Experimental Cell Research, 285: 208-220, 2003. P.210, Col.1, § 1, Fig.1.	
	2	Swissprot "UniProtKB/Swiss-Prot Entry O00629 and Q06142", http://ca.expasy.org/uniprot/O00629//Q06142 , 6 P. & 8 P., 1997/1998.	
	3	Bridger et al. "Identification of An Interchromosomal Compartment by Polymerization of Nuclear-Targeted Vimentin", Journal of Cell Science, 111: 1241-1253, 1998. P.1242, Col.2, Last §, Fig.1.	
	4	Ambron et al. "Priming Events and Retrograde Injury Signals. A New Perspective on the Cellular and Molecular Biology of Nerve Regeneration", Molecular Neurobiology, 13: 61-79, 1996.	
	5	Ambron et al. "Intrinsic Injury Signals Enhance Growth, Survival, and Excitability of Aplysia Neurons", The Journal of Neuroscience, 16(23): 7469-7477, 1996.	
	6	Andersen et al. "Herpesvirus-Mediated Gene Delivery Into the Rat Brain: Specificity and Efficiency of the Neuron-Specific Enolase Promoter", Cellular and Molecular Neurobiology, 13(5): 503-515, 1993.	
	7	Blesch et al. "Nucleus Hears Axon's Pain", Nature Medicine, 10(3): 236-237, 2004.	
	8	Bogerd et al. "Definition of A Consensus Transportin-Specific Nucleocytoplasmic Transport Signal", The Journal of Biological Chemistry, 274(14): 9771-9777, 1999.	
	9	Boyne et al. "Role of Vimentin in Early Stages of Neuritogenesis in Cultured Hippocampal Neurons", International Journal of Developmental Neuroscience, 14(6): 739-748, 1996.	
	10	Clarke et al. "Intermediate Filaments: Vimentin Moves in", Current Biology, 12: R596-R598, 2002.	
	11	Colucci-Guyon et al. "Mice Lacking Vimentin Develop and Reproduce Without An Obvious Phenotype", Cell, 79: 679-694, 1994.	
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	14	Ferrigno et al. "Regulated Nucleo/Cytoplasmic Exchange of HOG1 MAPK Requires the Importin β Homologs NMD5 and XPO1", The EMBO Journal, 17(19): 5606-5614, 1998.	
	15	Geles et al. "Germline and Developmental Roles of the Nuclear Transport Factor Importin α3 in C. Elegans", Development, 128: 1817-1830, 2001.	
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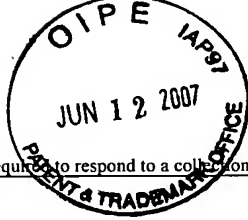
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Examiner Name		MARVICH, MARIA				
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	17	Hanz et al. "Axoplasmic Importins Enable Retrograde Injury Signaling in Lesioned Nerve", Neuron, 40: 1095-1104, 2003.				
	18	Ho et al. "Novel Features of Intermediate Filament Dynamics Revealed by Green Fluorescent Protein Chimeras", Journal of Cell Science, 111: 1767-1778, 1998.				
	19	Inagaki et al. "Spatial Patterns of Ca ²⁺ Signals Define Intracellular Distribution of A Signaling by Ca ²⁺ /Calmodulin-Dependent Protein Kinase II", The Journal of Biological Chemistry, 272(40): 25195-25199, 1997.				
	20	Jäkel et al. "Importins Fulfil A Dual Function as Nuclear Import Receptors and Cytoplasmic Chaperones for Exposed Basic Domains", The EMBO Journal, 21(3): 377-386, 2002.				
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	22	Kaspar et al. "Targeted Retrograde Gene Delivery for Neuronal Protection", Molecular Therapy, 5(1): 50-56, 2002.				
	23	Kenney et al. "Peripheral Axotomy Induces Long-Term C-Jun Amino-Terminal Kinase-1 Activation and Activator Protein-1 Binding Activity by C-Jun and JunD in Adult Rat Dorsal Root Ganglia In Vitro", The Journal of Neuroscience, 18(4): 1318-1328, 1998.				
	24	Köhler et al. "Evidence for Distinct Substrate Specificities of Importin α Family Members in Nuclear Protein Import", Molecular and Cellular Biology, 19(11): 7782-7791, 1999.				
	25	Kumar et al. "Perturbing Nuclear Transport in Drosophila Eye Imaginal Discs Causes Specific Cell Adhesion and Axon Guidance Defects", Developmental Biology, 240: 315-325, 2001.				
	26	Lam et al. "Nuclear Transport of Parathyroid Hormone (PTH)-Related Protein Is Dependent on Microtubules", Molecular Endocrinology, 16(2): 390-401, 2002.				
	27	Lariviere et al. "Functions of Intermediate Filaments in Neuronal Development and Disease", Journal of Neurobiology, 58: 131-148, 2004.				
	28	Lowrie Jr. et al. "Properties of the Nonhelical End Domains of Vimentin Suggest A Role in Maintaining Intermediate Filament Network Structure", Journal of Structural Biology, 132: 83-94, 2000.				
	29	Mavlyutov et al. "Identification of RanBP2- and Kinesin-Mediated Transport Pathways With Restricted Neuronal and Subcellular Localization", Traffic, 3: 630-640, 2002.				
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	33	Pardridge "Drug and Gene Targeting to the Brain With Molecular Trojan Horses", Nature Reviews: Drug Discovery, 1: 131-139, 2002.			
	34	Perlson et al. "Differential Proteomics Reveals Multiple Components in Retrogradely Transported Axoplasm After Nerve Injury", Molecular & Cellular Proteomics, 3(5): 510-520, 2004.			
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	36	Plunet et al. "Promoting Axonal Regeneration in the Central Nervous System by Enhancing the Cell Body Response to Axotomy", Journal of Neuroscience Research, 68: 1-6, 2002.			
	37	Rogers et al. "Truncation Mutagenesis of the Non-α-Helical Carboxyterminal Tail Domain of Vimentin Reveals Contributions to Cellular Localization But Not to Filament Assembly", European Journal of Cell Biology, 66: 136-150, 1995.			
	38	Salehi et al. "Traffic at the Intersection of Neurotrophic Factor Signaling and Neurodegeneration", Trends in Neurosciences, 26(2): 73-80, 2003.			
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	42	Sung et al. "RISK-1: A Novel MAPK Homologue in Axoplasm That Is Activated and Retrogradely Transported After Nerve Injury", Journal of Neurobiology, 47: 67-79, 2001.			
	43	Vallee et al. "Dynein: An Ancient Motor Protein Involved in Multiple Modes of Transport", Journal of Neurobiology, 58: 189-200, 2004.			
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	47	Zhang et al. "Positive Injury Signals Induce Growth and Prolong Survival in Aplysia Neurons", Journal of Neurobiology, 45: 84-94, 2000.			

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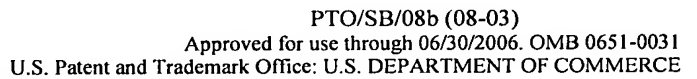
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48	Zheng et al. "A Functional Role for Intra-Axonal Protein Synthesis During Axonal Regeneration From Adult Sensory Neurons", The Journal of Neuroscience, 21(23): 9291-9303, 2001.
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49	Perlson et al. "Vimentin Binding to Phosphorylated Erk Sterically Hinders Enzymatic Dephosphorylation of the Kinase", Journal of Molecular Biology, Published Online: DOI: 10.1016/j.jmb.2006.09.056, 2006.
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50	Hanz et al. "Retrograde Signaling in Injured Nerve - The Axon Reaction Revisited", Journal of Neurochemistry, 99: 13-19, 2006.
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51	Olofsdotter et al. "Importin mediated Nuclear Transport in Neurons", Current Opinion in Neurobiology, 16: 329-335, 2006.
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52	Helfand et al. "Intermediate Filament Proteins Participate in Signal Transduction", Trends in Cell Biology, 15(11): 568-570, 2005.
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53	Perlson et al. "Vimentin-Dependent Spatial Translocation of An Activated MAP Kinase in Injured Nerve", <i>Neuron</i> , 45: 715-726, 2005.
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54	Thompson et al. "Synapse to Nucleus Signaling During Long-Term Synaptic Plasticity: A Role for the Classical Active Nuclear Import Pathway", <i>Neuron</i> , 44: 997-1009, 2004.
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